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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
SUPPLEMENTAL PRELIMINARY AMENDMENT TRANSMITTAL LETTER



I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner of Patents and Trademarks, Washington, D.C. 20231 on August 23, 2001.

C. Magallón
C. Magallón

Applicant : Ahmadreza Rofougaran, et al.
Application No. : 09/698,498
Filed : October 27, 2000
Title : ADAPTIVE RADIO TRANSCEIVER WITH CMOS OFFSET PLL
Grp./Div. : 2682
Examiner : To be assigned
Docket No. : 40886/CAG/B600

Assistant Commissioner for Patents
Washington, D.C. 20231

Post Office Box 7068
Pasadena, CA 91109-7068
August 23, 2001

Enclosed is a supplemental preliminary amendment to the above-identified application.

CLAIMS AS AMENDED											
	Claims Remaining After Amendment	Highest Number Paid For	Number Extra Claims	Small Entity Rate	Large Entity Rate	FEE					
Total Claims Fee	21	* 28	0	x \$9.00	x \$18.00	0					
Independent Claims	3	** 4	0	x \$40.00	x \$80.00	0					
Multiple Dependent Claims ***				\$135.00	\$270.00	0					
TOTAL FILING FEE						\$0					
NO ADDITIONAL FEE REQUIRED ****	IF NO FEE REQUIRED, INSERT "0"					0					
LIST INDEPENDENT CLAIMS: 1, 8, and 15											
<p>* IF HIGHEST NUMBER PREVIOUSLY PAID FOR IS 20 OR LESS, WRITE "20" IN COLUMN 3 ** IF HIGHEST NUMBER PREVIOUSLY PAID FOR IS 3 OR LESS, WRITE "3" IN COLUMN 3 *** PAY THIS FEE ONLY WHEN MULTIPLE DEPENDENT CLAIMS ARE ADDED FOR THE FIRST TIME **** IF NO FEE REQUIRED, ADDRESS ENVELOPE TO "BOX NON-FEE AMENDMENTS"</p>											

— Attached is our check for \$ to pay the fees calculated above.
— A Petition for Extension of Time and the required fee are enclosed.
— Other enclosures:

**Amendment Transmittal Letter
Application No. 09/698,498**

The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required by or to give effect to this paper to Deposit Account No. 03-1728. Please show our docket number with any charge or credit to our Deposit Account. **A copy of this letter is enclosed.**

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By Craig A. Gelfound
Craig A. Gelfound
Reg. No. 41,032
626/795-9900

CAG/cam
CAM PAS375358.1-* 8/23/01 3:37 PM

DH 8/31/01
EKB

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SUPPLEMENTAL PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Post Office Box 7068
Pasadena, CA 91109-7068
August 23, 2001

Commissioner:

Before examination please amend the above-identified application, as follows:

In the Claims:

Please cancel Claims 22-28 without prejudice. Claims 1-21 remain unchanged and are included herein for reference purposes.

1. (Unchanged) A complimentary metal oxide semiconductor (CMOS) phase lock loop, comprising:
an oscillator having a tuning input, and an output with a tunable frequency responsive to the tuning input;